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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): TIKKA et al.

SERIAL NO.: 09/989,020

EXAMINER:

FILING DATE: 11/20/01

ART UNIT:

TITLE: FILTER STRUCTURE AND ARRANGEMENT COMPRISING  
PIEZOELECTRIC RESONATORS

ATTORNEY DOCKET NO.: 297-010713-US (PAR)

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Commissioner of Patents

Technology Center 2600

Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

The following information is being disclosed to the Patent and Trademark Office as information that may be material to the examination of the above-identified patent application.

This Information Disclosure Statement is being filed before the mailing date of the first Office Action on the above-identified patent application. Thus, a certification under 37 CFR 1.97 (e) or fee under 37 CFR 1.17 (p) is not required for the information herein to be considered.

The above-identified patent application claims priority to Finnish Patent Application No. FI 20002585 filed on November 24, 2000. Applicants' attorney encloses copies of United States Patent Nos. US 5,373,268, US 5,231,327, US 5,404,628, "Acoustic Bulk Wave Composite Resonators",

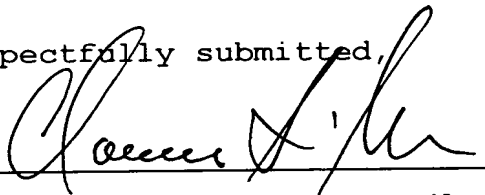
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Lakin et al., Applied Physics Letters, Vol. 38, No. 3, pp. 125-127, 1981, and "An Air-Gap Type Piezoelectric Composite Thin Film Resonator", Hiroaki Satoh et al., 15 Proc. 39<sup>th</sup> Annual Symp. Freq. Control, pp. 361-366, 1985; all of which were cited in the specification of the above-referenced application.

Copies of the cited references are enclosed together with PTO-Form 1449.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,



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19 April 02  
Date

#### CERTIFICATE OF MAILING

I hereby certify that the attached Information Disclosure Statement, PTO-Form 1449 and references are being deposited with the United States Postal Service as first class mail on the date shown below in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231.

April 19, 2002  
Date

Robert J. Clark  
Name of Person Making Deposit